

AMENDMENTS TO THE CLAIMS

Please amend claims 1, 4 and 6, as follows.

Listing of Claims

1. (CURRENTLY AMENDED) An apparatus for testing hydraulic pressure relief valves, the pressure relief valves including a sleeve having an annular passage, a valve spool within the annular passage, and a spring within the annular passage and cooperating with the valve spool to limit flow through the annular passage, the apparatus comprising:

a body constructed to withstand high pressure;

a cavity formed into said body and configured to completely enclose a pressure relief valve therein, said cavity including a valve seat and an aperture through which the pressure relief valve may be received into said cavity to contact said valve seat;

a pressure gauge in communication with said cavity;

at least one fluid inlet communicating with said cavity;

a fluid outlet in communication with said cavity; and

a closure sealingly couplable to said body, proximate said [[aperture]] aperture, to sealably secure said pressure relief valve within said cavity.

2. (ORIGINAL) The apparatus of claim 1, further comprising a biasing member associated with said closure and configured to bias the pressure relief valve against said valve seat.
3. (ORIGINAL) The apparatus claim 1, wherein said body is constructed to withstand up to approximately 30,000 psi.
4. (CURRENTLY AMENDED) A method of testing a hydraulic pressure relief valve, the pressure relief valve including a sleeve having an annular passage, a valve spool within the annular passage, and a spring within the annular passage and cooperating with the valve spool to limit flow through the annular passage, the method, comprising:
 - seating the valve against a valve seat within a cavity of a test apparatus;
 - sealingly securing a closure to the test apparatus to seal the valve within the cavity;
 - coupling the cavity to a source of high-pressure fluid flow; and
 - monitoring the pressure within the cavity.
5. (ORIGINAL) The method of claim 4, further comprising biasing the valve against the valve seat.

6. (CURRENTLY AMENDED) A method of tuning a hydraulic pressure relief valve, the pressure relief valve including a sleeve having an annular passage, a valve spool within the annular passage, and a spring within the annular passage and cooperating with the valve spool to limit flow through the annular passage, the method, comprising:

seating the valve against a valve seat within a cavity of a test apparatus;

sealingly securing a closure to the test apparatus to seal the valve within the cavity;

coupling the cavity to a source of high-pressure fluid flow;

monitoring the pressure within the cavity;

comparing the pressure at which the valve actuates to a desired actuation pressure; and

adjusting the valve to change the pressure at which the valve actuates.

7. (ORIGINAL) The method of claim 6, further comprising biasing the valve against the valve seat.